
**STATE HIGHWAY ADMINISTRATION
CAPITAL PROGRAM SUMMARY
(\$ MILLIONS)**

	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>SIX-YEAR TOTAL</u>
<u>Construction Program</u>							
Major Projects	331.6	493.9	589.0	456.8	399.0	203.3	2,473.6
System Preservation Minor Projects	386.7	357.3	342.6	335.3	350.3	370.9	2,143.1
<u>Development & Evaluation Program</u>	<u>45.1</u>	<u>33.7</u>	<u>45.6</u>	<u>44.7</u>	<u>26.3</u>	<u>7.6</u>	<u>203.0</u>
 TOTAL	 763.4	 884.9	 977.2	 836.8	 775.6	 581.8	 4,819.7
 Special Funds*	 297.5	 314.8	 399.6	 386.1	 370.6	 249.9	 2,018.5
Federal Funds	465.9	570.1	577.6	450.7	405.0	331.9	2,801.2

* Includes General Funds for the Woodrow Wilson Bridge



PROJECT: Coordinated Highway Action Response Team (CHART)

DESCRIPTION: Install advanced traffic management system (ATMS) and advanced traffic information system (ATIS) technologies on Interstate highways and arterials statewide. Technologies include cameras, traffic detectors, weather sensors, dynamic message signs, highway advisory radios, web sites and telecommunication networks. CHART is comprised of five major components: 1) Traffic and Roadway Monitoring; 2) Incident Management; 3) Traveler Information; 4) System Integration and Communication; 5) Traffic Management.

JUSTIFICATION: Heavy volumes of traffic, stop-and-go commuter peaks, and lack of comprehensive information regarding current, real-time conditions on available alternatives contribute to and compound the effects of unexpected incidents. With the growth in traffic outpacing any realistic hope of expanding capacity through building new highways, or expanding existing ones, it is imperative to operate the existing highway system more efficiently through the application of Intelligent Transportation System (ITS) technologies and Interagency teamwork.

SMART GROWTH STATUS:

- ☒ Project Not Location Specific or Location Not Determined
☐ Project Within PFA ☐ Project Outside PFA; Subject to Exception
☐ Grandfathered ☐ Exception Approved by BPW/MDOT

Federal Funding By Year of Obligation

PHASE	FFY 2001	FFY 2002	FFY 2003	FFY 2004	FFY 2005 - 2006	FEDERAL CATEGORY
PP	0	0	0	0	0	----
PE	2100	2000	2000	2000	4000	CMAQ
RW	0	0	0	0	0	----
CO	6700	9000	9000	9000	18000	CMAQ

STATUS: Engineering and Construction underway. This represents a summary of the Statewide CHART program. Individual corridor work is shown in the State Highway Administration's System Preservation Program.

SIGNIFICANT CHANGE FROM FY 2000 - 05 CTP: Added \$14.7 million for further traffic management system projects. The additional funds are from adding in fiscal year 2006 and from additional federal authorization of Intelligent Transportation System funds.

POTENTIAL FUNDING SOURCE:

☒ SPECIAL ☒ FEDERAL ☐ GENERAL ☐ OTHER

PROJECT CASH FLOW

PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2000	CURRENT YEAR 2001	BUDGET YEAR 2002	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					....2003....	....2004....	....2005....	....2006....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	24,845	10,309	2,576	2,234	2,315	2,391	2,470	2,550	14,536	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	147,005	86,541	15,224	9,166	10,885	8,109	8,130	8,950	60,464	0
Total	171,850	96,850	17,800	11,400	13,200	10,500	10,600	11,500	75,000	0
Federal-Aid	147,272	82,772	15,308	9,804	11,352	9,030	9,116	9,890	64,500	0

FUNCTION :

STATE - N/A

FEDERAL - N/A

STATE SYSTEM : N/A

DAILY TRAFFIC : (USAGE IMPACTS)

CURRENT () - N/A

PROJECTED () - N/A

OPERATING COST IMPACT: N/A



PROJECT: Neighborhood Conservation Program

DESCRIPTION: This is the SHA element of the Statewide Neighborhood Conservation Program. Funds will be made available for highway transportation projects in designated revitalization areas. Areas will be designated by local jurisdictions taking into account factors such as the age and number of abandoned and substandard structures, the extent of unemployment, and the redevelopment plans and strategies of the local jurisdiction. Project improvements include roadway reconstruction, lighting and drainage improvements, streetscaping and roadway improvements.

JUSTIFICATION: Some of Maryland's older urban areas contain significant investments in physical infrastructure that are underutilized due to their inability to attract new investment. MDOT is joining with other State agencies to target resources for these areas with the goal of increasing their attractiveness to private investment.

SMART GROWTH STATUS:

- | | |
|---|--|
| <input type="checkbox"/> Project Not Location Specific or Location Not Determined | <input type="checkbox"/> Project Outside PFA; Subject to Exception |
| <input checked="" type="checkbox"/> Project Within PFA | <input type="checkbox"/> Exception Approved by BPW/MDOT |
| <input type="checkbox"/> Grandfathered | |

Federal Funding By Year of Obligation

PHASE	FFY 2001	FFY 2002	FFY 2003	FFY 2004	FFY 2005 - 2006	FEDERAL CATEGORY
PP	0	0	0	0	0	----
PE	0	0	0	0	0	----
RW	0	0	0	0	0	----
CO	12000	9000	11000	11000	24000	STP

STATUS: Engineering and Construction underway. Continuing to work with other State agencies to define additional program elements. This sheet represents a summary of the Neighborhood Conservation Program. Individual projects are shown in the SHA's System Preservation Program.

SIGNIFICANT CHANGE FROM FY 2000 - 05 CTP: Added \$62.5 million for further construction of Neighborhood Conservation projects. Of these additional funds \$20 million was for undergrounding of utilities.

POTENTIAL FUNDING SOURCE:

☒ SPECIAL ☒ FEDERAL ☐ GENERAL ☐ OTHER

PROJECT CASH FLOW

PHASE	TOTAL		CURRENT YEAR 2001	BUDGET YEAR 2002	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2000			.....2003.....	.....2004.....	.....2005.....	.....2006.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	31,862	7,862	4,000	4,000	4,000	4,000	4,000	4,000	24,000	0
Right-of-way	10,791	1,791	1,500	1,500	1,500	1,500	1,500	1,500	9,000	0
Construction	191,321	36,321	24,500	24,800	42,300	19,500	20,400	23,500	155,000	0
Total	233,974	45,974	30,000	30,300	47,800	25,000	25,900	29,000	188,000	0
Federal-Aid	75,600	6,100	16,400	7,200	7,200	12,200	12,900	13,600	69,500	0

FUNCTION :

STATE - N/A

FEDERAL - N/A

STATE SYSTEM : N/A

DAILY TRAFFIC : (USAGE IMPACTS)

CURRENT () - N/A

PROJECTED () - N/A

OPERATING COST IMPACT: N/A



PROJECT: Sidewalk Program

DESCRIPTION: Program will provide matching funds for the construction of sidewalks adjacent to State highways. Fifty percent of project costs will be required from local and municipal project sponsors, except in urban revitalization areas where projects are eligible for 100 percent state funding.

JUSTIFICATION: Program will support community revitalization efforts and efforts to encourage pedestrian usage along state highways consistent with the intent of the "Access 2000" legislation.

SMART GROWTH STATUS:

- ☒ Project Not Location Specific or Location Not Determined
☐ Project Within PFA ☐ Project Outside PFA; Subject to Exception
☐ Grandfathered ☐ Exception Approved by BPW/MDOT

Federal Funding By Year of Obligation

PHASE	FFY 2001	FFY 2002	FFY 2003	FFY 2004	FFY 2005 - 2006	FEDERAL CATEGORY
PP	0	0	0	0	0	----
PE	0	0	0	0	0	----
RW	0	0	0	0	0	----
CO	0	0	0	0	0	----

STATUS: Engineering and Construction underway. Continuing to work with local jurisdictions to identify projects. This sheet represents a summary of the Sidewalk Program. Individual projects are shown in the State Highway Administration's System Preservation Program.

SIGNIFICANT CHANGE FROM FY 2000 - 05 CTP: Added \$3.0 million for further construction of sidewalks. The additional funds are from adding in fiscal year 2006.

POTENTIAL FUNDING SOURCE:

☒ SPECIAL ☐ FEDERAL ☐ GENERAL ☐ OTHER

PROJECT CASH FLOW

PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2000	CURRENT YEAR 2001	BUDGET YEAR 2002	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					....2003....	....2004....	....2005....	....2006....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	4,554	1,187	517	534	551	570	588	607	3,367	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	22,391	6,358	2,483	2,766	2,649	3,030	2,412	2,693	16,033	0
Total	26,945	7,545	3,000	3,300	3,200	3,600	3,000	3,300	19,400	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

FUNCTION :

STATE - N/A

FEDERAL - N/A

STATE SYSTEM : N/A

DAILY TRAFFIC : (USAGE IMPACTS)

CURRENT () - N/A

PROJECTED () - N/A

OPERATING COST IMPACT: N/A



PROJECT: Sound Barrier Program

DESCRIPTION: Funding to implement retrofit sound barrier projects that meet eligibility criteria.

JUSTIFICATION: Mitigating highway noise is an essential element of the Department's programs for environmental stewardship and community conservation.

SMART GROWTH STATUS:

- ☒ Project Not Location Specific or Location Not Determined
☐ Project Within PFA ☐ Project Outside PFA; Subject to Exception
☐ Grandfathered ☐ Exception Approved by BPW/MDOT

Federal Funding By Year of Obligation						FEDERAL CATEGORY
PHASE	FFY 2001	FFY 2002	FFY 2003	FFY 2004	FFY 2005 - 2006	
PP	0	0	0	0	0	----
PE	0	0	0	0	0	----
RW	0	0	0	0	0	----
CO	9000	5000	6000	9000	17500	NHS

STATUS: Engineering and Construction underway. This Current program consolidates the total dollars available for sound barriers that meet eligibility criteria. Individual projects are shown in the State Highway Administration's System Preservation Program.

SIGNIFICANT CHANGE FROM FY 2000 - 05 CTP: Added \$17.2 million for further implementation of retrofit sound barrier projects. The additional funds are from adding fiscal year 2006.

POTENTIAL FUNDING SOURCE: <input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER										
PROJECT CASH FLOW										
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2000	CURRENT YEAR 2001	BUDGET YEAR 2002	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					....2003....	....2004....	....2005....	....2006....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	25,513	14,588	1,050	1,000	2,125	2,800	1,950	2,000	10,925	0
Right-of-way	270	210	10	10	10	10	10	10	60	0
Construction	278,381	195,366	3,740	14,990	13,365	15,290	19,140	16,490	83,015	0
Total	304,164	210,164	4,800	16,000	15,500	18,100	21,100	18,500	94,000	0
Federal-Aid	193,524	155,224	2,200	5,700	3,800	6,800	10,200	9,600	38,300	0

FUNCTION :

STATE - N/A

FEDERAL - N/A

STATE SYSTEM : N/A

DAILY TRAFFIC : (USAGE IMPACTS)

CURRENT () - N/A

PROJECTED () - N/A

OPERATING COST IMPACT: N/A

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

STATE HIGHWAY ADMINISTRATION -- STATE WIDE COUNTY LINE 5

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of December 1, 2000
		<u>Fiscal Year 2000 Completions</u>		
		<u>Enhancements</u>		
		<u>Landscaping/Scenic Beautification/Mitigation</u>		
1		Community Planting Program - Landscaping community gateways, reforestation plantings, streetscapes, and landscaping highways at the request of local governments, civic organizations and garden clubs.	125	Completed
		<u>Fiscal Years 2001 and 2002</u>		
		<u>C.H.A.R.T. Projects</u>		
2		C.H.A.R.T. Statewide Communications Network	20,762	Underway
3		C.H.A.R.T. Statewide System Integration	8,897	Underway
4		C.H.A.R.T. - I 97 and US 50 (Phase 2); advanced traffic management system additions	1,212	FY 2001
5		C.H.A.R.T. - I 695 and I 97 (Phase 2); advanced traffic management system additions	1,151	Underway
6		C.H.A.R.T. - I 83, I 795 and I 70 (Phase 2); advanced traffic management system additions	1,086	FY 2001
		<u>Enhancements</u>		
		<u>Archaeological Planning & Research</u>		
7		Maryland's Historic Highway Bridges - Publication of a book, CD, and Web information on Maryland's historic bridges.	48	FY 2001
8		Assessment of Cultural Resources - Development of an historical and archeological survey of cultural resources in transportation corridors in Kent and Queen Anne's Counties.	48	Underway

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

STATE HIGHWAY ADMINISTRATION -- STATE WIDE COUNTY LINE 5 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of December 1, 2000
		<u>Fiscal Years 2001 and 2002 (cont'd)</u>		
		<u>Enhancements (cont'd)</u>		
		<u>Archaeological Planning & Research (cont'd)</u>		
9		Archeological and Historic sites data - MHT - Develop historic resources and archeological sites information for use in transportation planning Geographic Information System.	180	Underway
10		SHA Archaeology Research - Phase I/II Site Studies, GIS Work and Historical Site Context Work at Various Locations in Maryland.	100	Underway
		<u>Landscaping/Scenic Beautification/Mitigation</u>		
11		Aesthetic Retrofits - Landscaping of SHA stormwater management facilities in highly visible areas and to increase diversity while minimizing thermal impacts.	400	FY 2002
12		Partnership Planting Program - Landscaping, community gateways, reforestation plantings, streetscapes and landscaping highways at the request of local governments, civic organizations, and garden clubs.	125	FY 2001
		<u>Pedestrian and Bicycle Safety and Educational Activities</u>		
13		Pedestrian Safety Campaign - Production and distribution of pedestrian safety flyers to educate pedestrians and drivers on pedestrian safety.	20	Underway
		<u>Environmental Mitigation</u>		
14		Urban Storm Water Retrofit Pilot Program - Retrofit, monitoring and sampling of Low Impact Development (LID) practices within different urban arenas.	200	FY 2002
15		Wetlands Restoration Program - Replacement of tidal and non-tidal wetlands throughout Maryland	500	FY 2001

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

STATE HIGHWAY ADMINISTRATION -- STATE WIDE COUNTY LINE 5 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of December 1, 2000
		<u>Fiscal Years 2001 and 2002 (cont'd)</u>		
		<u>Enhancements (cont'd)</u>		
		<u>Environmental Mitigation (cont'd)</u>		
16		Watershed Revitalization Partnership - Establish a program to expand existing efforts to protect and restore in-stream fish and wildlife habitat in targeted urban/suburban watersheds in partnership with the Maryland Department of Natural Resources.	6,000	FY 2002
		<u>Scenic/Historic Highway Programs/Visitor Centers</u>		
17		Bay Game - Publication of the Maryland Bay Game educational pamphlets to educate the traveling public on their relationship to the Chesapeake Bay.	60	FY 2001
18		Civil War Driving Tour - Develop driving tour of Battle of Antietam, including trail blazer signing, mapping, waysides and interpretive signing.	690	FY 2002
19		Keep Maryland Beautiful - Conduction of a campaign to raise the level of awareness statewide of the negative impact of littering on Maryland's highways, the environment, and the economy.	560	Underway



PROJECT: Smart Growth Initiative

DESCRIPTION: Study of transportation alternatives consistent with Smart Growth principles.

JUSTIFICATION: Funding shown is for several projects removed from the Development and Evaluation Program due to inconsistency with Smart Growth principles. This study will identify alternative solutions to transportation problems consistent with Smart Growth principles for these projects.

SMART GROWTH STATUS:

- | | |
|---|--|
| <input type="checkbox"/> Project Not Location Specific or Location Not Determined | <input type="checkbox"/> Project Outside PFA; Subject to Exception |
| <input type="checkbox"/> Project Within PFA | <input type="checkbox"/> Exception Approved by BPW/MDOT |
| <input type="checkbox"/> Grandfathered | |

Federal Funding By Year of Obligation

PHASE	FFY 2001	FFY 2002	FFY 2003	FFY 2004	FFY 2005 - 2006	FEDERAL CATEGORY
PP	0	0	0	0	0	----
PE	0	0	0	0	0	----
RW	0	0	0	0	0	----
CO	0	0	0	0	0	----

STATUS: Study underway. This program consolidates funding from the following projects removed from the CTP: MD 36; Seldom Seen Road to Buskirk Hollow Road: MD 30; at Manchester: MD 140; Westminster Bypass: MD 213 Rel; Chestertown Bypass.

SIGNIFICANT CHANGE FROM FY 2000 - 05 CTP: None.

POTENTIAL FUNDING SOURCE:

☒ SPECIAL ☒ FEDERAL ☐ GENERAL ☐ OTHER

PROJECT CASH FLOW

PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2000	CURRENT YEAR 2001	BUDGET YEAR 2002	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2003.....	.....2004.....	.....2005.....	.....2006.....		
Planning	1,493	551	294	162	162	162	162	0	942	0
Engineering	0	0	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Total	1,493	551	294	162	162	162	162	0	942	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

FUNCTION :

STATE - N/A

FEDERAL - N/A

STATE SYSTEM : N/A

DAILY TRAFFIC : (USAGE IMPACTS)

CURRENT () - N/A

PROJECTED () - N/A

OPERATING COST IMPACT: N/A